

**Notice of Allowability**

Application No.

10/005,271

Examiner

NGOC V DINH

Applicant(s)

STRONGIN ET AL.

Art Unit

2187

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 06/17/04.
2. ☒ The allowed claim(s) is/are 1-49.
3. ☒ The drawings filed on 05 December 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**DONALD SPARKS**  
**SUPERVISORY PATENT EXAMINER**

## DETAILED ACTION

### Examiner's Amendment

1. This Office Action is in response to Amendment filed 06/17/2004.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

#### **Lack of antecedent basis in the claims.**

Claim 7,

line 1, "the linear" should be -- an linear --.

Line 4, "the instruction" should be -- an instruction --. "check logic" should be --check unit--.

Line 5, "the first memory" should be -- a first memory --.

Line 7, "check logic" should be --check unit--.

Claim 9,

line 1, "the linear" should be -- an linear --.

lines 4, 6, "check logic" should be --check unit--.

Claim 26,

line 1, "the linear" should be -- an linear --.

lines 3, 5, "check logic" should be --check unit--.

Claim 28,

line 1, "the linear" should be -- an linear --.

lines 2, 5, "check logic" should be --check unit--.

#### **Abstract.**

The abstract in an application filed under 35 U.S.C. 111 may not exceed 150 words in length. Therefore the abstract of the disclosure is objected to. See MPEP § 608.01(b), pages 600-62 to 600-63. The following abstract is suggested: "A memory management unit ..... and one or more security attribute tables.". Delete "the security attribute table directory may include

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..... within multiple memory pages.”

#### **Reasons for allowance**

2. The primary reasons for allowance of claims 1, 11-13, 30 and 41 in the instant application is the combination with the inclusion of the limitation of “ the security check unit is configured to use the physical address to access at least one security attribute data structure, .... and generating a fault signal dependent upon the security attributes of selected memory page **and** the additional security attribute of the selected memory page”. Because claims 2-10, 14-29, 31-40 and 42-49 depend directly or indirectly on claim 1, 30 and 41. These claims are considered allowable for at least the same reasons noted above.

#### **Conclusion**

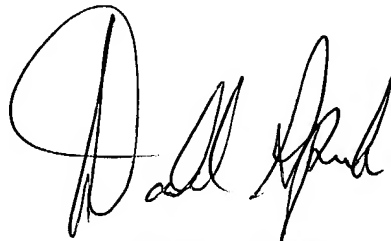
3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. McKee US 2003/0115476 discloses hardware enforced control of access to memory. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Ngoc Dinh whose telephone number is (703) 305-3032. The examiner can normally be reached on Monday-Friday 8:30 AM-5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald A. Sparks, can be reached on (703) 308-1756. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for regular communications and (703) 746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



NGOC DINH  
Patent Examiner  
ART UNIT 2187  
August 2, 2004



DONALD SPARKS  
SUPERVISORY PATENT EXAMINER

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